



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street SE
Charleston, WV 25304
(304) 926-0450
(304) 926-0452 fax

Joe Manchin III, Governor
Randy C. Huffman, Cabinet Secretary
dep.wv.gov

June 14, 2010

FINAL INSPECTION REPORT

Fracture-Partial Plug Permit Cancelled

EQT PRODUCTION COMPANY,

The FINAL INSPECTION REPORT for the CANCELLED permit, API Well Number: 47-4501178, issued to EQT PRODUCTION COMPANY, and listed below has been received in this office. The permit has been cancelled as of 6/4/2010.

James Martin
Chief

Operator: EQT PRODUCTION COMPANY
Operator's Well No: 135631
Farm Name: HEARTWOOD FOREST FUND
API Well Number: 47-4501178
Date Issued: 08/19/2008

Date Cancelled: 06/04/2010

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API# 47-045-01178

45-01178 F/PP:

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL & GAS
WELL WORK PERMIT APPLICATION

- 1) Well Operator EQUITABLE PRODUCTION COMPANY

Operator ID	45	5	401
County		District	Quadrangle
- 2) Operator's Well Name Island Creek 135631 3) Elevation 1824
- 4) Well Type: (a) Oil _____ or Gas X
 (b) If Gas: Production X Underground Storage _____
 Deep _____ Shallow X
- 5) Proposed Target Formation(s): Rhinestreet
- 6) Proposed Total Depth: 5592TVD, 9046MD Feet
- 7) Approximate fresh water strata depths: 80, 540
- 8) Approximate salt water depths: 2427
- 9) Approximate coal seam depths: 358, 1078 (open)

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- 10) Does land contain coal seams tributary to active mine? No **WV Department of Environmental Protection**
- 11) Describe proposed well work: Reenter existing well and do a plugback and kickoff horizontal leg approx 3700 feet into Rhinestreet using a packer plus frac procedure. Will permanently plug back using cement/gel or a bridge with at least 10 feet of cement on top. Bridge will be set to separate the different perforated intervals. For this permit, contact inspector for plugback approval.

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE For Drilling	INTERVALS Left in Well	CEMENT Fill-up (Cu.Ft)
	Size	Grade	Weight per ft.			
Conductor	16			43	43	17.7
Fresh Water	11 3/4			1137	1137	825
Coal			existing	well	record	
Intermediate	8 5/8			2879	2879	975
Production	4 1/2	N-80	11.6	9046	9046	
Tubing	2 3/8"	J-55	4.6	May not be run, if run will be set 100' less than TD		
Liners						

Packers: Kind _____
 Size _____
 Depths Set \$650

RDT
8-12-08

CK# 6452

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August 19, 2008

WELL WORK PERMIT

Fracture / Partial Plug

This permit, API Well Number: 47-4501178, issued to **EQUITABLE PRODUCTION COMPANY**, is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to all conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas inspector.

Please be advised that form WR-35, well operators report of well work, is to be submitted to this office within 90 days of completion of drilling, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35CSR-4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926-0499 ext. 1654.

James Martin
Chief

Operator's Well No: 135631
Farm Name: HEARTWOOD FOREST FUND
API Well Number: 47-4501178
Permit Type: Fracture / Partial Plug
Date Issued: 08/19/2008

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